

**SAFETY DATA SHEET**

<b>1. Identification of the substance/preparation and the company</b>	
Product name and/or code:  <b>Manthorpe Refurbishment Felt Support Tray</b>	
Nature of Product:  Building component, intended primarily for the replacement of perished roofing felt at eaves level and for new building work.	
Supplier:  Manthorpe Building Products Ltd. Manthorpe House Brittain Drive Codnor Gate Business Park Ripley Derbyshire DE5 3ND  Telephone: +44 (0) 1773 514 200                      Fax: +44 (0) 1773 514 262	
<b>2. Composition/information on ingredients</b>	
Manthorpe Refurbishment Felt Support Trays are 'Articles' whose composition is not expected to pose any risk to human health or the environment if used in accordance with the Company's handling and fitting instructions.  Each tray is comprised of PVC-U sections.  Some of the ingredients used in the manufacture of these articles may be regarded as hazardous substances or preparations listed in Annex 1 of Directive 67/548/EEC. In the final form in which these products are supplied such ingredients will be present at very low (ppm) levels.	
<b>3. Hazards identification</b>	
These products are not considered hazardous under the provisions of Directive 88/379/EEC.  Cutting activities may leave sharp edges which can cause cuts to skin during handling and installation. Adequate protective equipment and operator care should be employed (see section 8)	
<b>4. First Aid Measures</b>	
General	Remove patient from exposure. Never give fluids or induce vomiting if patient is unconscious.
Inhalation	In case of exposure to vapours or fume from heating remove to fresh air. Seek medical advice if any discomfort continues
Eye Contact	Dust or particles in eyes                      Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice  Exposure to fumes or vapours                      Irrigate immediately with sterile eyewash solution and seek immediate medical attention.
Skin Contact	Contact with cold material                      Remove contaminated clothes. Flush immediately with plenty of water.  Contact with hot material                      Cool immediately with cold water. If molten plastic has adhered to skin do not attempt to remove it but immediately refer patient to nearest casualty department.

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Ingestion	<p>This route of exposure is unlikely.</p> <p>Small amounts of dust or particulate matter should present no hazard to health, passing quickly through the digestive system. For larger quantities should it occur do NOT induce vomiting, seek medical advice</p>			
<b>5. Fire-fighting measures</b>				
<p>Extinguishing media:</p> <p style="padding-left: 40px;">Foam, carbon dioxide, dry chemical or water fog.</p> <p style="padding-left: 40px;">Do not use high volume/high pressure water jet as this may spread burning material.</p> <p>Unusual Fire &amp; Explosion Hazards:</p> <p style="padding-left: 40px;">Burning produces dense black smoke, which may contain toxic and irritant fumes and vapours.</p> <p><b>Protective Equipment:</b></p> <p style="padding-left: 40px;">In major fires toxic and corrosive vapours will be evolved and self-contained breathing apparatus and acid resistant protective clothing should be worn.</p>				
<b>6. Accidental release measures</b>				
<p style="padding-left: 40px;">Do not allow product to enter drains or sewers or to contaminate surface waters.</p> <p style="padding-left: 40px;">Sweep up and shovel into suitable, clearly marked containers for subsequent disposal.</p>				
<b>7. Handling and storage</b>				
<p><b>Usage Precautions:</b></p> <p>Keep away from sources of ignition.</p> <p>Static charges may be generated during the handling of this product and users should avoid the presence of flammable gases and vapours in the vicinity.</p> <p>Avoid inhalation of vapours from hot molten material. Processing machinery must be fitted with adequate local exhaust ventilation to ensure that the Occupational Exposure Standard is not exceeded- see section 8 below.</p> <p>Solid particles from processing and fabrication can present a slipping hazard.</p> <p><b>Storage Precautions:</b></p> <p>Keep in well ventilated storage, away from sources of heat or ignition.</p>				
<b>8. Exposure controls and personal protection</b>				
<p>Due to the nature and normal use of the product it is considered unlikely that occupational exposure standards will be exceeded, however if necessary local exhaust should be used to maintain satisfactory levels.</p> <p>Under certain circumstances (application of heat, burning etc.) substances which can present a hazard to health may be generated. Accordingly the following list provides Occupational exposure limits for substances present at very low concentrations, which should be taken into account when undertaking a Risk Assessment in accordance with the UK COSHH Regulations 2002.</p>				
<b>Substance</b>	<b>CAS No;</b>	<b>STD</b>	<b>Long term (8hr)</b>	<b>Short term (15 min)</b>
Styrene	100-42-5	MEL	100ppm	250ppm
Buta-1-3-diene	106-99-0	MEL	10ppm	-
Hydrogen chloride		OES		5ppm
Carbon monoxide		OES		300ppm
Lead in air maximum concentration 0.15 mg/m <sup>3</sup>		OEL		

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**Personal protection**General protection  
and hygiene:

Observe good industrial hygiene practices. Wear appropriate eye protection and gloves whenever particles may be generated or handled

Respiratory protection:

If dust is formed wear a respirator fitted with a solid particle filter Type - P1.

Hand protection:

Leather or rubber gloves.

Eye protection:

Safety goggles.

**9. Physical and chemical properties**

Colour and form:

solid and foam components of various colours

Odour

faint characteristic

Softening point:

&gt; 70°C.

Ignition temperature:

&gt; 200°C

Solubility in water:

Insoluble

Solubility in other solvents

Soluble in aromatic solvents

**10. Stability and reactivity**

General information: When stored and handled in accordance with standard practice this product is unlikely to cause any harmful effects.

Conditions to avoid: Do not overheat. Degradation and decomposition occurs at temperatures above 160°C

Materials to avoid: Strong bases and oxidizing agents.

**Hazardous decomposition products:** CO, CO<sub>2</sub>, hydrochloric acid and styrene and other monomers.**11. Toxicological information**

There is no data available on the product as supplied.

**12. Ecological information**

Do not allow product to enter soil or surface water. Due to the insoluble nature of the components of this product they are not readily decomposed by weathering or by micro organisms. PVC materials are generally considered ecologically benign.

Water endangering class: (German) WGK = 0. - Generally not water endangering.

**13. Disposal considerations**Waste must be disposed of in accordance with local authority requirements.  
Incineration is the preferred method.

EWC code: 08040200.

**14. Transport information**

Not Classified for Transport.

**15. Regulatory information**

Not Classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

This PVC Article does not normally present a danger to human health by inhalation, ingestion or skin contact in the form in which it is supplied

**16. Other information**

Revision No: 02.

Revision Date: 19th-March-2004

Replaces version 01, dated 10.10.00

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations 2002 and Approved Code of Practice L130 - The compilation of safety data sheets (Third Edition).

This product should not be used for other than its intended purpose. This safety data sheet should not be regarded as a risk assessment for the product in use. Users are reminded that they must carry out an adequate Workplace Risk Assessment before using this product. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of all relevant legislation are complied with.

The information in this safety data sheet has been compiled in good faith from information available to us at the time of its preparation. This information is provided solely to enable the user to take the measures necessary for the protection of health and safety at work and of the environment. and should not be construed as any guarantee of technical performance or suitability for particular applications. The user must take steps to ensure that complete and suitable information is available before use and must observe all relevant laws and regulations that apply. The information herein provided does not imply that any use is free of patent or other restrictions.